

Figure 1

MTIGEMLR SFLTKLEWFSTLFPRI PVPVQKNIDQQIKTRPRKI
KKDGKEGAE EIDRHVERRRSRSPRRSLSPRRSPRRSRSRSHH
REGHGSSSFDRELEREKERQRLEREAKEREKERRRSRSIDRG
LERRRSRSRERHRSRSRSRDRKGD RDRDREREKENERGRR
RDRDYDKERGNEREKERERSRERSKEQSRGEVEEKKHKED
KDDRRHRDDKRDSKKEKKHSRSRSRERKHRSRSRSRNAGKR
SRSRSKEKSSKHKNESKEKSNKRSRSGSQGR TDSVEKSKKR
EHSPSKEKSRKRSRSKERSHKRDHSDSKDQSDKHDRRRRSQSI
EQESQEKQHK NKDET V Stop

Figure 2

ACGCGGGGTTTCCAATTATTTGTTCAATTTATTTATTTTCTACATAACTAAATTAGAAACCTCACTGCTTCAT
GGCAGTTGGTTTGCTATTGCTTCCAGTTTTATTAGGGCTTCATTTTATATTAGAGCTGTTAAAAGATAACCT
TTAGACAGGAATTATCTAAAGTAGACATTTTATATTAGAGCTGTTAAAAGATAACCTTTAGACAGGAATTAT
CTAAAGTAGATCATATGTAGCTAGGTTATGGTGCAAGGTGTATGATGTGTGCAAATATGTCCACAGAAATAA
ATACATAGTAGGTATGTGGAATGTAAATTTAAGTCAATCGTTCCGCATAGTTTAGAAATGTAAGGGGCTTTT
TCATATTGTTAACTGAGTGAGATCAGTTCCTTTTATGCCTGTGAGGCTGCAGGGTTTGTTCCTCACTTGCATG
CACACACTAAGCCCAAATATTTCTGTTCAATTCATTGTCAGATCAGGATATGAAAATAAAATTTTCTGTTAG
TTTTTTTTGTATTGAGATTCCAAAGATGGTAATATTTTATAATATTCATGTATATATGGAAATACTTTTTT
TGACGGCTAGGGTATCTTTTGTGTTTCTGTAGGACCTAGATGTGAAGGCTGGTGGAGGCTGTGTA
ATGACCATTGGAGAAATGCTACGATCTTTTCTCACAAAACCTGGAGTGGTTTTCTACCTTGTTTCCAAGAATT
CCAGTTCCAGTTCAAAAGAATATTGATCAACAGATTAAAACCCGACCTAGAAAAATCAAGAAAGATGGGAAG
GAAGGTGCTGAGGAAATAGACAGACATGTTGAACGCAGACGTTCAAGGTCTCCAAGGAGATCTCTGAGTCCA
CGGAGGTCCCAAGAAGGTCAAGAAGTAGAAGTCATCATCGGGAGGGCCATGGGTCTTCTAGTTTTTGACAGA
GAATTAGAAAGAGAGAAAGAACGCCAGCGACTAGAGCGTGAAGCCAAAGAAAGGGAGAAAGAA
CGGCGAAGATCCCGAAGTATTGACCGGGGGTTAGAACGCAGGCGCAGCAGAAGTAGGGAAAGGCATAGAAGT
CGCAGTCGAAGTCGTGATAGGAAAGGGGATAGAAGGGACAGGGATCGAGAAAGAGAGAAAGAAAATGAGAGA
GGTAGAAGACGAGATCGTGACTATGATAAGGAAAGAGGAAATGAACGAGAAAAAGAGAGAGAGCGATCAAGA
GAAAGGTCCAAGGAACAGAGAAGTAGGGGAGAGGTAGAAGAGAAGAAACATAAAGAAGACAAGATGATAGG
CGGCACAGAGATGACAAAAGAGATTCCAAGAAAGAGAAAAAACACAGTAGAAGCAGAAGCAGAGAAAGGAAA
CACAGAAGTAGGAGTCGAAGTAGAAATGCAGGGAAACGAAGTAGAAGTAGAAGCAAAGAGAAATCAAGTAA
CATAAAAATGAAAGTAAAGAAAAATCAAATAAACGAAGTCGAAGTGGCAGTCAAGGAAGAACTGACAGTGTT
GAAAAATCAAAAAACGGGAACATAGTCCCAGCAAAGAAAAATCTAGAAAGCGTAGTAGAAGCAAAGAACGT
TCCCACAAACGAGATCACAGTGATAGTAAGGACCAGTCAGACAAACATGATCGTCGAAGGAGCCAAAGTATA
GAACAAGAGAGCCAAGAAAAACAGCATAAAAACAAAGATGAGACTGTG
TGAAAAATATTTTGTAAAAGTGGATCACATTGAATCCTATAAATGATTAAATCTGCTTTTTTCCCCACGTTG
AGATTGTGCAGTAGTTCGCACTCCTCAAGCTCTCCCTGTAGGCTGCATTTTCATTTCTTCTTTCGTGTAGGG
AAGTGCCTTTGTAATTCATTTTATTGCATTGGTGTTCACCCAATTGTTAAGTTTGATACATGATGCACAG
ATTGTTCTTGCATTTTTTATTGTTTGTGTTTTGAAATGTACAGTCTGTACATATGTCCTGAAATGTTTTAATT
CCTTTGGCATGGTTACCATGTTGGTTAAATTTGTATAAGGCAATAAACTGCCACTAATCCNAAAAAAAAAA
AAAAAA

Start codon (ATG) and stop codon (TGA) underlined

FIGURE 3

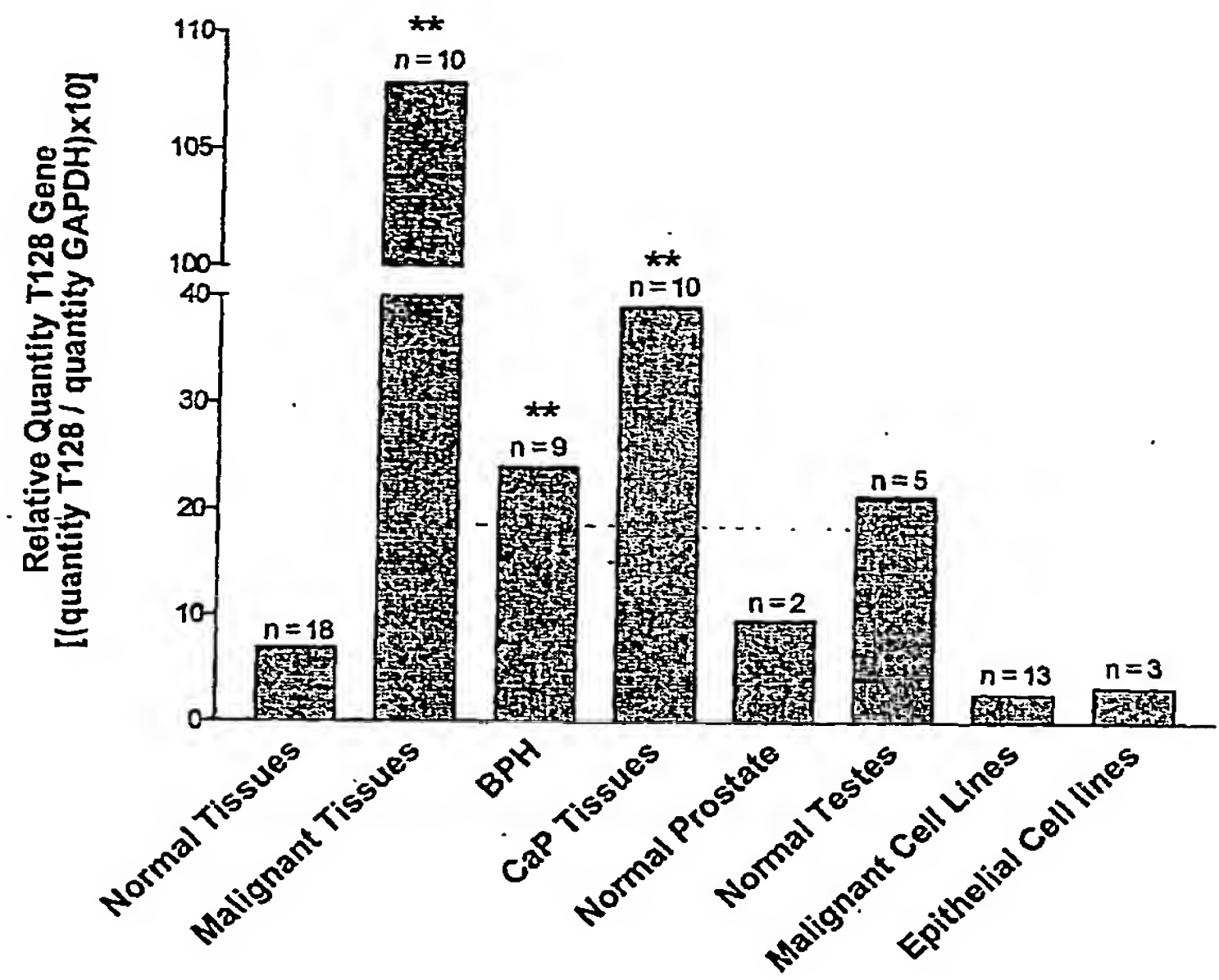


FIGURE 4

